

# CONTRIBUTORS

## Lewis County Hazard Mitigation Planning Committee

### Jurisdictional Representatives

Name	Title	Department	Jurisdiction/Agency/Organizatio
John French	Superintendent		Lewis County C-3 School District
Jesse Uhlmeier	Superintendent		Canton R-V School District
Wayne Murphy	Presiding Commissioner	Commission	Lewis County
Travis Fleer	Southern District Commissioner	Commission	Lewis County
Deann Whiston	Northern District Commissioner	Commission	Lewis County
Wendy Lewis	City Clerk		City of La Belle
John Roach	City Administrator		City of La Grange
Vancell Scifres	Mayor		City of Monticello
Mary Fretwell	City Administrator		City of Canton
Jarrood Phillips	Mayor		City of Canton
Cheryl Thrower	City Clerk		City of Ewing
Shirley Hetzler	City Clerk		City of Lewistown

### Stakeholder Representatives

Name	Title	Department	Agency/Organization
Ralph Martin	Director	Economic Development	Lewis County I.D.A.
Travis Mathes	Member Services Manager	Member Services	Lewis County R.E.C.

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## EXECUTIVE SUMMARY

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The purpose of hazard mitigation is to reduce or eliminate long-term risk to people and property from hazards. Lewis County and participating jurisdictions and school/special districts developed this multi-jurisdictional local hazard mitigation plan update to reduce future losses from hazard events to the County and its communities and school/special districts. The plan is an update of a plan that was approved on October 25, 2018. The plan and the update were prepared pursuant to the requirements of the Disaster Mitigation Act of 2000 to result in eligibility for the Federal Emergency Management Agency (FEMA) Hazard Mitigation Assistance Grant Programs.

The County Multi-Hazard Mitigation Plan is a multi-jurisdictional plan that covers the following jurisdictions that participated in the planning process:

- Unincorporated Lewis County
- Canton
- La Grange
- La Belle
- Lewistown
- Ewing
- Monticello
- Lewis County C-3 School District
- Canton R-V School District

Lewis County and the entities listed above developed a Multi-Jurisdictional Hazard Mitigation Plan that was approved by FEMA on October 25, 2018 (hereafter referred to as the *2018 Lewis County Hazard Mitigation Plan*). This current planning effort serves to update that previously approved plan.

The plan update process followed a methodology in accordance with FEMA guidance, which began with the formation of a Mitigation Planning Committee (MPC) comprised of representatives from Lewis County and participating jurisdictions. The MPC updated the risk assessment that identified and profiled hazards that pose a risk to Lewis County and analyzed jurisdictional vulnerability to these hazards. The MPC also examined the capabilities in place to mitigate the hazard damages, with emphasis on changes that have occurred since the previously approved plan was adopted. The MPC determined that the planning area is vulnerable to several hazards that are identified, profiled, and analyzed in this plan. Riverine and flash flooding, winter storms, severe thunderstorms/hail/lightning/high winds, and tornadoes are among the hazards that historically have had a significant impact.

Based upon the risk assessment, the MPC updated goals for reducing risk from hazards. The goals are listed below:

1. Public Awareness – Using a variety of communication avenues to increase the citizens awareness of and promote education about the natural hazards that they may face, their vulnerability to these hazards, and how to lessen the effect of future natural hazards.
2. Strengthen communication and coordination between local governments, emergency personnel, public agencies, and citizens to mitigate the effect of future natural hazards.
3. Investigate, implement, maintain, and enforce mitigation policies and programs that limit the impact of natural hazards: on the loss of life; on new and existing properties; on natural resources; on infrastructure; and on the local economy.

To advance the identified goals, the MPC developed recommended mitigation actions, as summarized in the table on the following pages. The MPC developed an implementation plan for each action, which identifies priority level, background information, ideas for implementation, responsible agency, timeline, cost estimate, potential funding sources, and more. These additional details are provided in Chapter 4.

**Table I. Mitigation Action Matrix**

#	Action	Jurisdiction	Priority	Goals Addressed	Hazards Addressed	Address Current Development	Address Future Development	Continued Compliance with NFIP
<b>Prevention Public Education</b>								
Lewis County 2023.1	Obtain Sufficient Generators for Shelters	Lewis County	High	1	All Hazards	✓		
Lewis County 2023.2	Transportation Infrastructure	Lewis County	High	1	All Hazards	✓		
Lewis County 2023.3	NFIP Participation	Lewis County	High	3	Flooding			✓
Lewis County 2023.4	Install/Upgrade Warning Sirens	Lewis County	Medium	3	All Hazards	✓		
Lewis County 2023.5	Safe Rooms and Storm Shelters	Lewis County	High	3	Tornado, Severe Storms	✓		
Lewis County 2023.6	Response to Pandemic	Lewis County	Medium	2	Pandemic	✓	✓	
Canton 2023.1	NFIP Participation	Canton	High	3	Flooding			✓
Canton 2023.2	Safe Rooms and Storm Shelters	Canton	High	3	Tornado, Severe Storms	✓		
Canton 2023.3	Raising the North Levee	Canton	High	3	Flooding	✓	✓	
Canton 2023.4	Replace Flood Gates of North Levee	Canton	High	3	Flooding	✓	✓	
Canton 2023.5	Anchoring fuel tanks and other storage tanks	Canton	Low	3	All Hazards	✓		
Canton 2023.6	Transportation Infrastructure	Canton	High	1	All Hazards	✓		
Canton 2023.7	Install/Upgrade Warning Signs	Canton	Medium	3	All Hazards	✓		
Canton 2023.8	Generators for Shelters/City Facilities	Canton	High	1	All Hazards	✓		
Ewing 2023.1	Generators for Shelters	Ewing	High	1	All Hazards	✓		
Ewing 2023.2	Install/Upgrade Warning Sirens	Ewing	Medium	3	All Hazards	✓		
Ewing 2023.3	Transportation Infrastructure	Ewing	High	1	All Hazards	✓		

#	Action	Jurisdiction	Priority	Goals Addressed	Hazards Addressed	Address Current Development	Address Future Development	Continued Compliance with NFIP
Ewing 2023.4	Safe Rooms and Storm Shelters	Ewing	High	3	Tornado, Severe Storm	✓		
Ewing 2023.5	Pursue NFIP Participation	Ewing	High	3	Flooding			✓
Labelle 2023.1	Safe Rooms and Storm Shelters	LaBelle	High	3	Tornado, Severe Storms	✓		
LaBelle 2023.2	Install/Upgrade Warning Signs	LaBelle	Medium	3	All Hazards	✓		
LaBelle 2023.3	Transportation Infrastructure	LaBelle	High	1	All Hazards	✓		
LaBelle 2023.4	Generators for Shelters	LaBelle	High	1	All Hazards	✓		
LaBelle 2023.5	Pursue NFIP Participation	LaBelle	High	3	Flooding			✓
LaGrange 2023.1	NFIP Participation	LaGrange	High	3	Flooding			✓
LaGrange 2023.2	Generators for Shelters	LaGrange	High	1	All Hazards	✓		
LaGrange 2023.3	Safe Rooms and Storm Shelters	LaGrange	High	3	Tornado, Severe Storm	✓		
LaGrange 2023.4	Install/Upgrade Warning Sirens	LaGrange	Medium	3	All Hazards	✓		
LaGrange 2023.5	Transportation Infrastructure	LaGrange	High	1	All Hazards	✓		
LaGrange 2023.6	Anchoring Fuel Tank and other Storage Tanks	LaGrange	Low	3	All Hazards	✓		
Lewistown 2023.1	Safe Rooms and Storm Shelters	Lewistown	High	3	Tornado and Severe Storm	✓		
Lewistown 2023.2	Installation/Upgrade Warning Sirens	Lewistown	Medium	3	All Hazards	✓		
Lewistown 2023.3	Transportation Infrastructure	Lewistown	High	1	All Hazards	✓		
Lewistown 2023.4	Generators for Shelters	Lewistown	High	1	All Hazards	✓		
Lewistown 2023.5	Pursue NFIP Participation	Lewistown	High	3	Flooding			✓
Monticello 2023.1	Safe Rooms and Storm Shelters	Monticello	High	3	Tornado and Severe Storm	✓		
Monticello 2023.2	Install/Upgrade Warning Sirens	Monticello	Medium	3	All Hazards	✓		
Monticello 2023.3	Transportation Infrastructure	Monticello	High	1	All Hazards	✓		
Monticello 2023.4	Generators for Shelters	Monticello	High	1	All Hazards	✓		

#	Action	Jurisdiction	Priority	Goals Addressed	Hazards Addressed	Address Current Development	Address Future Development	Continued Compliance with NFIP
Monticello 2023.5	Pursue NFIP Participation	Monticello	High	3	Flooding			✓
CRV 2023.1	Safe Rooms	Canton R-V	High	3	Tornado, Severe Storms, Earthquake	✓		
CRV 2023.2	Upgrade Intercom System	Canton R-V	Medium	3	Tornado, Severe Storms, Earthquake	✓		
CRV 2023.3	Generators	Canton R-V	Medium	1	All Hazards	✓		
LC1 2023.1	Safe Rooms	Lewis County C-1	High	3	Tornado, Severe Storms, Earthquake	✓		
LC1 2023.2	Upgrade Intercom System	Lewis County C-1	Medium	3	Tornado, Severe Storms, Earthquake	✓		
LC1 2023.3	Generators	Lewis County C-1	Medium	1	All Hazards	✓		
<b>Structure and Infrastructure Projects</b>								
Lewis County 2023.1	Obtain Sufficient Generators for Shelters	Lewis County	High	1	All Hazards	✓		
Lewis County 2023.2	Transportation Infrastructure	Lewis County	High	1	All Hazards	✓		
Lewis County 2023.3	NFIP Participation	Lewis County	High	3	Flooding			✓
Lewis County 2023.4	Install/Upgrade Warning Sirens	Lewis County	Medium	3	All Hazards	✓		
Lewis County 2023.5	Safe Rooms and Storm Shelters	Lewis County	High	3	Tornado, Severe Storms	✓		
Canton 2023.1	NFIP Participation	Canton	High	3	Flooding			✓
Canton 2023.2	Safe Rooms and Strom Shelters	Canton	High	3	Tornado, Severe Storms	✓		
Canton 2023.3	Raising the North Levee	Canton	High	3	Flooding	✓	✓	
Canton 2023.4	Replace Flood Gates of North Levee	Canton	High	3	Flooding	✓	✓	
Canton 2023.5	Anchoring fuel tanks and other storage tanks	Canton	Low	3	All Hazards	✓		

#	Action	Jurisdiction	Priority	Goals Addressed	Hazards Addressed	Address Current Development	Address Future Development	Continued Compliance with NFIP
Canton 2023.6	Transportation Infrastructure	Canton	High	1	All Hazards	✓		
Canton 2023.7	Install/Upgrade Warning Signs	Canton	Medium	3	All Hazards	✓		
Canton 2023.8	Generators for Shelters/City Facilities	Canton	High	1	All Hazards	✓		
Ewing 2023.1	Generators for Shelters	Ewing	High	1	All Hazards	✓		
Ewing 2023.2	Install/Upgrade Warning Sirens	Ewing	Medium	3	All Hazards	✓		
Ewing 2023.3	Transportation Infrastructure	Ewing	High	1	All Hazards	✓		
Ewing 2023.4	Safe Rooms and Storm Shelters	Ewing	High	3	Tornado, Severe Storm	✓		
Ewing 2023.5	Pursue NFIP Participation	Ewing	High	3	Flooding			✓
Labelle 2023.1	Safe Rooms and Storm Shelters	LaBelle	High	3	Tornado, Severe Storms	✓		
LaBelle 2023.2	Install/Upgrade Warning Signs	LaBelle	Medium	3	All Hazards	✓		
LaBelle 2023.3	Transportation Infrastructure	LaBelle	High	1	All Hazards	✓		
LaBelle 2023.4	Generators for Shelters	LaBelle	High	1	All Hazards	✓		
LaBelle 2023.5	Pursue NFIP Participation	LaBelle	High	3	Flooding			✓
LaGrange 2023.1	NFIP Participation	LaGrange	High	3	Flooding			✓
LaGrange 2023.2	Generators for Shelters	LaGrange	High	1	All Hazards	✓		
LaGrange 2023.3	Safe Rooms and Storm Shelters	LaGrange	High	3	Tornado, Severe Storm	✓		
LaGrange 2023.4	Install/Upgrade Warning Sirens	LaGrange	Medium	3	All Hazards	✓		
LaGrange 2023.5	Transportation Infrastructure	LaGrange	High	1	All Hazards	✓		
LaGrange 2023.6	Anchoring Fuel Tank and other Storage Tanks	LaGrange	Low	3	All Hazards	✓		
Lewistown 2023.1	Safe Rooms and Storm Shelters	Lewistown	High	3	Tornado and Severe Storm	✓		
Lewistown 2023.2	Installation/Upgrade Warning Sirens	Lewistown	Medium	3	All Hazards	✓		
Lewistown 2023.3	Transportation Infrastructure	Lewistown	High	1	All Hazards	✓		

#	Action	Jurisdiction	Priority	Goals Addressed	Hazards Addressed	Address Current Development	Address Future Development	Continued Compliance with NFIP
Lewistown 2023.4	Generators for Shelters	Lewistown	High	1	All Hazards	✓		
Lewistown 2023.5	Pursue NFIP Participation	Lewistown	High	3	Flooding			✓
Monticello 2023.1	Safe Rooms and Storm Shelters	Monticello	High	3	Tornado and Severe Storm	✓		
Monticello 2023.2	Install/Upgrade Warning Sirens	Monticello	Medium	3	All Hazards	✓		
Monticello 2023.3	Transportation Infrastructure	Monticello	High	1	All Hazards	✓		
Monticello 2023.4	Generators for Shelters	Monticello	High	1	All Hazards	✓		
Monticello 2023.5	Pursue NFIP Participation	Monticello	High	3	Flooding			✓
CRV 2023.1	Safe Rooms	Canton R-V	High	3	Tornado, Severe Storms, Earthquake	✓		
CRV 2023.2	Upgrade Intercom System	Canton R-V	Medium	3	Tornado, Severe Storms, Earthquake	✓		
CRV 2023.3	Generators	Canton R-V	Medium	1	All Hazards	✓		
LC1 2023.1	Safe Rooms	Lewis County C-1	High	3	Tornado, Severe Storms, Earthquake	✓		
LC1 2023.2	Upgrade Intercom System	Lewis County C-1	Medium	3	Tornado, Severe Storms, Earthquake	✓		
LC1 2023.3	Generators	Lewis County C-1	Medium	1	All Hazards	✓		
	<b>Natural Systems Protection</b>							
Lewis County 2023.3	NFIP Participation	Lewis County	High	3	Flooding			✓
Canton 2023.1	NFIP Participation	Canton	High	3	Flooding			✓
Ewing 2023.5	Pursue NFIP Participation	Ewing	High	3	Flooding			✓
LaGrange 2023.1	NFIP Participation	LaGrange	High	3	Flooding			✓
LaBelle 2023.5	Pursue NFIP Participation	LaBelle	High	3	Flooding			✓
Lewistown 2023.5	Pursue NFIP Participation	Lewistown	High	3	Flooding			✓

#	Action	Jurisdiction	Priority	Goals Addressed	Hazards Addressed	Address Current Development	Address Future Development	Continued Compliance with NFIP
Monticello 2023.5	Pursue NFIP Participation	Monticello	High	3	Flooding			✓
	<b>Emergency Services</b>							
Lewis County 2023.1	Obtain Sufficient Generators for Shelters	Lewis County	High	1	All Hazards	✓		
Lewis County 2023.3	NFIP Participation	Lewis County	High	3	Flooding			✓
Lewis County 2023.4	Install/Upgrade Warning Sirens	Lewis County	Medium	3	All Hazards	✓		
Lewis County 2023.5	Safe Rooms and Storm Shelters	Lewis County	High	3	Tornado, Severe Storms	✓		
Canton 2023.1	NFIP Participation	Canton	High	3	Flooding			✓
Canton 2023.2	Safe Rooms and Storm Shelters	Canton	High	3	Tornado, Severe Storms	✓		
Canton 2023.3	Raising the North Levee	Canton	High	3	Flooding	✓	✓	
Canton 2023.4	Replace Flood Gates of North Levee	Canton	High	3	Flooding	✓	✓	
Canton 2023.7	Install/Upgrade Warning Signs	Canton	Medium	3	All Hazards	✓		
Canton 2023.8	Generators for Shelters/City Facilities	Canton	High	1	All Hazards	✓		
Ewing 2023.1	Generators for Shelters	Ewing	High	1	All Hazards	✓		
Ewing 2023.2	Install/Upgrade Warning Sirens	Ewing	Medium	3	All Hazards	✓		
Ewing 2023.4	Safe Rooms and Storm Shelters	Ewing	High	3	Tornado, Severe Storm	✓		
Ewing 2023.5	Pursue NFIP Participation	Ewing	High	3	Flooding			✓
Labelle 2023.1	Safe Rooms and Storm Shelters	LaBelle	High	3	Tornado, Severe Storms	✓		
LaBelle 2023.2	Install/Upgrade Warning Signs	LaBelle	Medium	3	All Hazards	✓		
LaBelle 2023.4	Generators for Shelters	LaBelle	High	1	All Hazards	✓		
LaBelle 2023.5	Pursue NFIP Participation	LaBelle	High	3	Flooding			✓
LaGrange 2023.1	NFIP Participation	LaGrange	High	3	Flooding			✓

#	Action	Jurisdiction	Priority	Goals Addressed	Hazards Addressed	Address Current Development	Address Future Development	Continued Compliance with NFIP
LaGrange 2023.2	Generators for Shelters	LaGrange	High	1	All Hazards	✓		
LaGrange 2023.3	Safe Rooms and Storm Shelters	LaGrange	High	3	Tornado, Severe Storm	✓		
LaGrange 2023.4	Install/Upgrade Warning Sirens	LaGrange	Medium	3	All Hazards	✓		
Lewistown 2023.1	Safe Rooms and Storm Shelters	Lewistown	High	3	Tornado and Severe Storm	✓		
Lewistown 2023.2	Installation/Upgrade Warning Sirens	Lewistown	Medium	3	All Hazards	✓		
Lewistown 2023.4	Generators for Shelters	Lewistown	High	1	All Hazards	✓		
Lewistown 2023.5	Pursue NFIP Participation	Lewistown	High	3	Flooding			✓
Monticello 2023.1	Safe Rooms and Storm Shelters	Monticello	High	3	Tornado and Severe Storm	✓		
Monticello 2023.2	Install/Upgrade Warning Sirens	Monticello	Medium	3	All Hazards	✓		
Monticello 2023.4	Generators for Shelters	Monticello	High	1	All Hazards	✓		
Monticello 2023.5	Pursue NFIP Participation	Monticello	High	3	Flooding			✓
CRV 2023.1	Safe Rooms	Canton R-V	High	3	Tornado, Severe Storms, Earthquake	✓		
CRV 2023.2	Upgrade Intercom System	Canton R-V	Medium	3	Tornado, Severe Storms, Earthquake	✓		
CRV 2023.3	Generators	Canton R-V	Medium	1	All Hazards	✓		
LC1 2023.1	Safe Rooms	Lewis County C-1	High	3	Tornado, Severe Storms, Earthquake	✓		
LC1 2023.2	Upgrade Intercom System	Lewis County C-1	Medium	3	Tornado, Severe Storms, Earthquake	✓		
LC1 2023.3	Generators	Lewis County C-1	Medium	1	All Hazards	✓		
	<b>Education and Outreach</b>							
Lewis County 2023.3	NFIP Participation	Lewis County	High	3	Flooding			✓
Ewing 2023.5	Pursue NFIP Participation	Ewing	High	3	Flooding			✓

#	Action	Jurisdiction	Priority	Goals Addressed	Hazards Addressed	Address Current Development	Address Future Development	Continued Compliance with NFIP
Canton 2023.1	NFIP Participation	Canton	High	3	Flooding			✓
LaGrange 2023.1	NFIP Participation	LaGrange	High	3	Flooding			✓
LaBelle 2023.5	Pursue NFIP Participation	LaBelle	High	3	Flooding			✓
Monticello 2023.5	Pursue NFIP Participation	Monticello	High	3	Flooding			✓
CRV 2023.2	Upgrade Intercom System	Canton R-V	Medium	3	Tornado, Severe Storms, Earthquake	✓		
LC1 2023.2	Upgrade Intercom System	Lewis County C-1	Medium	3	Tornado, Severe Storms, Earthquake	✓		

## PREREQUISITES

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**44 CFR requirement 201.6(c)(5): The local hazard mitigation plan shall include documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan. For multi-jurisdictional plans, each jurisdiction requesting approval of the plan must document that it has been formally adopted.**

This plan has been reviewed by and adopted with resolutions or other documentation of adoption by all participating jurisdictions and schools/special districts. The documentation of each adoption is included in Appendix C, and a model resolution is included on the following page.

The jurisdictions listed in the Executive Summary participated in the development of this plan and have adopted the multi-jurisdictional plan.

**Model Resolution**

(LOCAL GOVERNING BODY/SCHOOL DISTRICT), Missouri RESOLUTION NO. \_\_\_\_\_

A RESOLUTION OF THE (LOCAL GOVERNING BODY /SCHOOL DISTRICT) ADOPTING THE (PLAN NAME)

WHEREAS the (local governing body/school district) recognizes the threat that natural hazards pose to people and property within the (local governing body/school district); and

WHEREAS the (local governing body/school district ) has participated in the preparation of a multi-jurisdictional local hazard mitigation plan, hereby known as the (plan name), hereafter referred to as the Plan, in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the (local governing body/school district) from the impacts of future hazards and disasters; and

WHEREAS the (local governing body) recognizes that land use policies have a major impact on whether people and property are exposed to natural hazards, the (local governing body/school district) will endeavor to integrate the Plan into the comprehensive planning process; and

WHEREAS adoption by the (local governing body/school district) demonstrates their commitment to hazard mitigation and achieving the goals outlined in the Plan.

NOW THEREFORE, BE IT RESOLVED BY THE (LOCAL GOVERNMENT/SCHOOL DISTRICT), in the State of Missouri, THAT:

In accordance with (local rule for adopting resolutions), the (local governing body/school district) adopts the final FEMA-approved Plan.

ADOPTED by a vote of \_\_\_\_\_ in favor and \_\_\_ against, and \_\_\_ abstaining, this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

By (Sig): \_\_\_\_\_  
Print name: \_\_\_\_\_

ATTEST:  
By (Sig.): \_\_\_\_\_  
Print name: \_\_\_\_\_

APPROVED AS TO FORM:  
By (Sig.): \_\_\_\_\_  
Print name: \_\_\_\_\_